

**REMARKS/ARGUMENTS**

Claims 1-25, 27, 28 and 31 are objected to in the outstanding Official Action. Claims 1 and 27 have been amended and therefore claims 1-25, 27, 28 and 31 remain in this application.

The Examiner's indication of acceptance of the originally submitted formal drawings is very much appreciated. Similarly, the Examiner's acknowledgment of Applicant's claim for priority and receipt of the certified copy of the priority document is very much appreciated. Finally, the Examiner's acknowledgment and consideration of the prior art set out in Applicant's Information Disclosure Statement is very much appreciated.

Claims 1 and 27 are objected to in the outstanding Official Action. In claim 1, the Examiner has noted that on line 15, "VS" should be changed to -VS. Applicant has amended claim 1 to make this correction. In claim 27, the Examiner suggests that the phrase "the voltage signal" lacks antecedent basis. As antecedent basis for this term was contained in claim 26, Applicant has amended claim 27 to depend from claim 25 and to include the limitation of former claim 26 which provides the antecedent basis for "the voltage signal."

The Examiner's indication of allowable subject matter in claims 1-25, 27, 28 and 31 is very much appreciated.

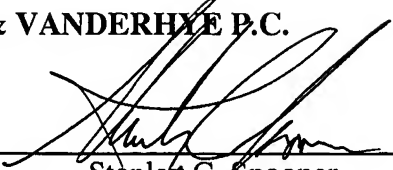
Having responded to all objections set out in the outstanding Official Action, it is submitted that remaining claims 1-25, 27, 28 and 31 are in condition for allowance and notice to that effect is respectfully requested. In the event the Examiner is of the opinion that a brief telephone or personal interview will facilitate allowance of one or more of these claims, he is respectfully requested to contact Applicant's undersigned representative.

WESTCOTT  
Appl. No. 10/500,639  
November 3, 2005

Respectfully submitted,

**NIXON & VANDERHYTE P.C.**

By: \_\_\_\_\_

  
Stanley C. Spooner  
Reg. No. 27,393

SCS:kmm  
901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100